



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gordon Edward Morrison et al

Group Art Unit: 237

A division of Serial No. 372,247

Examiner: E.P. Chan

Filed:

Title: Parallel Processing Method and Apparatus
For Increasing Processing Throughput by
Parallel Processing Low Level Instructions
Having Natural Concurrencies

Commissioner of Patents and Trademarks
Washington, D.C. 20231


Sir:

DECLARATION UNDER 37 C.F.R. §1.125

I, Gary A. Walpert, attorney on behalf of the inventors and assignee in this application, prepared the substitute specification being filed in connection with this application. A fuller description of the preparation of that specification is made in the papers attached to the preliminary amendment accompanying this declaration. In my opinion, no new matter has been added to the application by the filing of or in the substitute specification; and the claims, as amended by the preliminary amendment or as originally filed, are fully supported by both the original specification and the substitute specification.

Respectfully submitted,

HALE AND DORR


Gary A. Walpert
Reg. No. 26,098
Attorney for Applicants

60 State Street
Boston, MA 02109
617/742-9100

July 27, 1990

**DECLARATION
AND POWER OF ATTORNEY
Original Application**

ATTORNEY'S DOCKET NO. IF ANY:

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 201 below, or a joint inventor if plural inventors are named below at 201-203, of the invention entitled:

PARALLEL PROCESSOR SYSTEM FOR PROCESSING NATURAL CONCURRENCIES

AND METHOD THEREFOR

which is described and claimed in:

☒ the attached specification or

☐ the specification in application Serial No. _____ filed _____
(for declaration not accompanying application)

that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, and that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America except as identified below, and I have reviewed and understand the contents of the specifications, including claims,

FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES ___ NO ___
			YES ___ NO ___
ALL FOREIGN APPLICATIONS, IF ANY, FILED MORE THAN 12 MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION			

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Diane Burton - Reg. No. 19,740, Robert C. Dorr - Reg. No. 27,782, W. Scott Carson - Reg. No. 27,932,

Jack C. Sloan, Reg. No. 26,008 - William W. Cochran, Reg. No. 26,652
Steven W. Weinrieb, Reg. No. 26,520

SEND CORRESPONDENCE TO:	BURTON & DORR 1210 CENTURY TOWER NO. 1 220 SOUTH COLORADO BLVD. DENVER, COLORADO 80222	DIRECT TELEPHONE CALLS TO: (name and telephone number) (303) 759-3930 Robert C. Dorr
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201	FULL NAME OF INVENTOR	LAST NAME Morrison 40100	FIRST NAME Cordon	MIDDLE NAME Edward	COUNTRY OF CITIZENSHIP U.S.A.
	RESIDENCE & CITIZENSHIP	CITY Denver	STATE OR FOREIGN COUNTRY Colorado CO	STATE OR COUNTRY Colorado	ZIP CODE 80211
	POST OFFICE ADDRESS	3121 W. 35th Avenue			
202	FULL NAME OF INVENTOR	LAST NAME Brooks 40200	FIRST NAME Christopher	MIDDLE NAME Bancroft	COUNTRY OF CITIZENSHIP U.S.A.
	RESIDENCE & CITIZENSHIP	CITY Boulder	STATE OR FOREIGN COUNTRY Colorado CO	STATE OR COUNTRY Colorado	ZIP CODE 80302
	POST OFFICE ADDRESS	4000 19th Street			
203	FULL NAME OF INVENTOR	LAST NAME Gluck 40300	FIRST NAME Frederick	MIDDLE NAME George	COUNTRY OF CITIZENSHIP U.S.A.
	RESIDENCE & CITIZENSHIP	CITY Boulder	STATE OR FOREIGN COUNTRY Colorado CO	STATE OR COUNTRY Colorado	ZIP CODE 80301
	POST OFFICE ADDRESS	3732 Monterey Place			

☐ Additional matter on page 2 (Form PTO-1278). (When page 2 is used, all signatures should be placed on page 2.)
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Robert Edward Morrison</i>	SIGNATURE OF INVENTOR 202 <i>Christopher Bancroft Brooks</i>	SIGNATURE OF INVENTOR 203 <i>Frederick George Gluck</i>
DATE Gordon Edward Morrison 10-30-85	DATE Christopher Bancroft Brooks 10-30-85	DATE Frederick George Gluck 10/30/85

Applicant or Patentee: Gordon Edward Morrison et al. Attorney's Docket No.: 7846
Serial or Patent No.: _____
Filed or Issued: _____
For: PARALLEL PROCESSING SYSTEM AND PROCESSING NATURAL CURRENCIES AND METHOD THEREFOR

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below;
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN MCC Development, Ltd., a Colorado limited partnership
ADDRESS OF CONCERN 4725 Walnut Street, Boulder, Colorado 80301

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled _____ by inventor(s) _____

described in

- ☒ the specification filed herewith
☐ application serial no. _____, filed _____
☐ patent no. _____, issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Morrison Computer Corporation, General Partner

NAME OF PERSON SIGNING Richard J. Pankoski
TITLE OF PERSON OTHER THAN OWNER President
ADDRESS OF PERSON SIGNING 4725 Walnut Street, Boulder, Colorado 80301

SIGNATURE [Signature] DATE 10/30/85

ASSIGNMENT

WHEREAS, we, Gordon Edward Morrison whose residence address is 3121 West 35th Avenue, Denver, Colorado 80211; Christopher Bancroft Brooks whose residence address is 4000 19th Street, Boulder, Colorado 80302; and Frederick George Gluck whose residence address is 3732 Monterey Place, Boulder, Colorado 80301 (the "Assignor") having invented a certain new and useful invention for a "PARALLEL PROCESSOR SYSTEM FOR PROCESSING NATURAL CONCURRENCIES AND METHOD THEREFOR" for which we are about to make application for Letters Patent of the United States, said application being identified as Docket No. 7846 in the law offices of Burton & Dorr, 1240 Century Tower No. 1, 720 South Colorado Boulevard, Denver, Colorado 80222, and herewith executed by us concurrently on the respective dates listed hereinbelow;

WHEREAS, MCC Development, Ltd., a Colorado limited partnership, whose post office address is 4725 Walnut Street, Boulder, Colorado 80301, (the "Assignee") is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and application for Letters Patent in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to us in hand paid by the said Assignee, and other good and valuable consideration, receipt whereof is hereby expressly acknowledged, we the aforesaid, Gordon Edward Morrison, Christopher Bancroft Brooks and Frederick George Gluck, hereby sell, transfer and set over to the said Assignee, successors, legal representatives and assigns, the entire right, title and interest in and to the aforesaid

invention and the aforesaid application, for the territory of the United States of America and for all foreign countries, and to all Letters Patents, divisions, continuations, continuations-in-part, substitutions, reissues, reexaminations and extensions to be obtained therefor; and we further agree to cooperate with the said Assignee hereunder in the obtaining and the sustaining of any or all such Letters Patent but at the expense of the said Assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with this Assignment, to the said Assignee, his successors, legal representatives and assigns, as the Assignee of the entire right, title and interest therein.

Further, we agree that we will communicate to said Assignee, or its representatives any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all division, continuation, continuation-in-part, substitution, reissue, reexamination and extension applications, execute all necessary assignment paper to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

. This Assignment is executed by Gordon Edward Morrison, Christopher Bancroft Brooks, and Frederick George Gluck as of the respective date set forth below to be effective as of the respective date set forth below.

Date: 30 OCT 85

Gordon Edward Morrison

Gordon Edward Morrison

Date: 10/30/85

Christopher Bancroft Brooks

Christopher Bancroft Brooks

Date: 10/30/85

Frederick George Gluck

Frederick George Gluck